

**Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series**

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Total index			2,015,825	100.00		1919
Manufacturing			1,750,062	86.82		1919
Durable manufacturing ²			965,127	47.88		1919
Nondurable manufacturing ³			784,935	38.94		1919
Mining ⁴			129,177	6.41		1919
Utilities ⁵			136,584	6.78		1939

1. Description of columns:

Groups and Series: Series with asterisks are included in the published totals but are not shown separately in the monthly report. The following abbreviations are used: n.e.c. = not elsewhere classified; misc. = miscellaneous; pt = part.

Classification: SIC numbers are from the *Standard Industrial Classification Manual*, 1987 edition, published by the U.S. Office of Management and Budget. Market classification codes are as follows:

Consumer goods

Durable consumer goods (Cd)

Cda—Automotive products

Cdo—Other durable goods

Nondurable consumer goods (Cn)

Cna—Clothing

Cnf—Foods and tobacco

Cnc—Chemical products

Cnp—Paper products

Cne—Energy products

Equipment

Business equipment (Eb)

Ebi—Information processing and related equipment

Ebn—Industrial equipment

Ebt—Transit equipment

Ebo—Other equipment

Defense and space equipment (Ed)

Oil and gas well drilling and manufactured homes (Es)

Intermediate products

Ib—Business supplies

Ic—Construction supplies

Materials

Durable goods materials (Md)

Mdc—Consumer durable parts

Mde—Equipment parts

Mdo—Other durable materials

Nondurable goods materials (Mn)

Mnt—Textiles

Mnp—Paper

Mnc—Chemicals

Mno—Other nondurable materials

Energy materials (Me)

Mep—Primary energy

Mec—Converted fuel materials

Value added: Values and proportions are compiled from information contained in the Census of Manufactures, Annual Survey of Manufacturers, and Census of Mineral Industries and in reports from the Department of Energy, the Edison Electric Institute, and the American Gas Association. The figures may not add to totals because of rounding.

Type of series: The following codes appear:

Mpp—Monthly physical product data.

Qpp—Quarterly physical product data, interpolated to the monthly frequency using a cubic spline.

Kwh—Kilowatt hours, data collected by the Federal Reserve System unless otherwise noted.

Pwh—Production worker hours, data collected by the Bureau of Labor Statistics unless otherwise noted.

Est—Estimated by the Federal Reserve until source data can be introduced at an annual revision.

2. Durable manufacturing includes two-digit SIC groups 24, 25, 32–39.

3. Nondurable manufacturing includes two-digit SIC groups 20–23 and 26–31.

4. Mining includes two-digit SIC groups 10–14.

5. Utilities include the electric utility, gas utility, and gas transmission portions of SIC group 49. Annual indexes begin in 1919; monthly indexes begin in 1939.

Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—*Continued*

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Mining			129,177	6.41		1919
<i>Metal mining</i>	10		9,204	.46		1947
Iron ores	101	Mdo	1,224	.06	Mpp	Tons, usable iron ore excluding ore containing 5 percent or more manganese; U.S. Geological Survey. 1954
Nonferrous ores	102–6,8,9		7,979	.40		1954
Copper ores	102	Mdo	2,841	.14	Mpp	Tons, recoverable copper; U.S. Geological Survey. 1954
Lead and zinc ores*	103	Mdo	441	.02	Mpp	Tons, recoverable lead and zinc; U.S. Geological Survey. 1954
Gold and silver ores*	104		4,026	.20		1972
Gold ores*	1041	Mdo	3,960	.20	Mpp	Troy ounces, gold ores; U.S. Geological Survey. 1987
Silver ores*	1044	Mdo	65	.00	Mpp	Troy ounces, silver ores; U.S. Geological Survey. 1987
Ferroalloy ores*	106	Mdo	108	.01	Mpp	Pounds, molybdenum ores; U.S. Geological Survey. 1967
Misc. metal ores*	108,9	Mdo	562	.03	Kwh	1972
<i>Coal mining</i>	12	Mep	17,583	.87	Mpp	Tons, anthracite and bituminous, including lignite; Btu weighted since 1992; Department of Energy. 1947
<i>Oil and gas extraction</i>	13		90,401	4.48		1947
Crude oil and natural gas	131		70,797	3.51		1954
Crude oil, total	131pt		38,134	1.89		1954
Texas crude oil*	131pt	Mep	10,074	.50	Mpp	Barrels; Department of Energy. 1954
Alaska and California crude oil*	131pt	Mep	14,713	.73	Mpp	Barrels; Department of Energy. 1954
Louisiana and other crude oil*	131pt	Mep	13,346	.66	Mpp	Barrels; Department of Energy. 1954
Natural gas	131pt	Mep	32,662	1.62	Mpp	Billion cubic feet, marketed production; Department of Energy. 1954
Natural gas liquids	132		5,074	.25		1954
Propane*	132pt	Cne	297	.01	Mpp	Barrels, at gas-processing plants; Department of Energy. 1967
Liquefied petroleum*	132pt	Mec	4,776	.24	Mpp	Barrels, natural gas liquids minus propane at gas-processing plants; Department of Energy. 1967
Oil and gas well drilling	138		14,529	.72		1954
Oil and gas well drilling and exploration*	1381,2	Es	6,376	.32	Mpp	Weighted combination of offshore and land rigs; Baker Hughes. 1987.
Oil and gas field services*	1389	Es	8,153	.40	Mpp	Well servicing units; Dresser Oil Tools, and workover rigs; Baker Hughes. 1987
<i>Stone and earth minerals</i>	14		11,988	.59		1947
Stone, sand and gravel*	141,2,4		8,022	.40	Qpp	Tons, crushed stone, sand and gravel; U.S. Geological Survey. Kilowatt hours for 1963–91. Production worker hours for 1954–62. 1954
Chemical and fertilizer materials*	147	Mnc	2,233	.11	Mpp	Tons, soda ash, sodium phosphate rock and sulfur; U.S. Geological Survey. 1972
Misc. stone and earth minerals*	145,8,9	Mnc	1,731	.09	Pwh	Kilowatt hours for 1972–86. 1972

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Manufacturing*			1,750,062	86.82		1919
<i>Foods</i>	20		178,845	8.87		1947
Meat products	201		23,503	1.17		1954
Beef	2011pt,3pt	Cnf	8,028	.40	Mpp	Pounds; Department of Agriculture. 1954
Pork	2011pt,3pt	Cnf	5,805	.29	Mpp	Pounds; Department of Agriculture. 1954
Poultry	2015	Cnf	9,425	.47	Mpp	Pounds; Department of Agriculture. 1972
Miscellaneous meats	2011pt,3pt	Cnf	244	.01	Mpp	Pounds, weighted combination of veal and lamb; Department of Agriculture. 1972
Dairy products	202		15,698	.78		1954
Butter	2021	Cnf	226	.01	Mpp	Pounds; Department of Agriculture. 1954
Cheese	2022	Cnf	3,602	.18	Mpp	Pounds; Department of Agriculture. 1954
Concentrated milk	2023	Cnf	2,893	.14	Mpp	Pounds, evaporated, condensed, dry milk, whey, and lactose; Department of Agriculture. 1954
Frozen desserts	2024	Cnf	2,683	.13	Mpp	Gallons, ice cream, ice milk, sherbet, mellorine type, water ice, and frozen yogurt; Department of Agriculture. 1954
Milk and misc. dairy products	2026	Cnf	6,293	.31	Mpp	Gallons, fluid milk; Department of Agriculture. Federal Reserve estimates for 1959–66. 1954
Canned and frozen food	203	Cnf	24,532	1.22	Kwh	Production worker hours for 1954–62. 1954
Grain mill products	204		21,711	1.08		1954
Flour*	2041	Mno	1,520	.08	Mpp	Thousands sacks (1000 cwt), wheat flour; Census Bureau. 1977
Cereal products*	2043–5	Cnf	9,756	.48	Pwh	1972
Wet corn milling*	2046		2,833	.14		1977
Corn oil*	2046pt	Cnf	347	.02	Mpp	Pounds; Census Bureau. 1977 ⁶
Corn syrup and starch*	2046pt	Mno	2,485	.12	Mpp	Pounds, shipments; Corn Refiners Association. 1977
Pet foods*	2047	Cnf	3,478	.17	Pwh	1972
Feeds*	2048	Ib	4,123	.20	Kwh	1972
Bakery products	205	Cnf	20,710	1.03	Kwh	Production worker hours for 1954–62. 1954
Sugar and confectionery	206		12,770	.63		1967
Sugar*	2061–3	Mno	2,187	.11	Mpp	Tons, processed beet sugar and refined cane sugar; Department of Agriculture. Quarterly data for 1982–91. 1954
Confectionery*	2065–7	Cnf	10,583	.53	Pwh	Pounds, factory sales of confectionery including chocolate; Census Bureau, 1954–76. 1954
Fats and oils	207		4,289	.21		1954
Vegetable oils*	2074–6	Mno	1,823	.09	Mpp	Pounds, crude cottonseed, and soybean oils, cakes and meals; Census Bureau. 1972
Grease and tallow*	2077	Mno	1,039	.05	Mpp	Pounds, inedible tallow and grease; Census Bureau. 1954 ⁶
Edible oil products*	2079	Cnf	1,425	.07	Mpp	Pounds, margarine and baking/frying fats, soybean, salad and cooking oils; Census Bureau. 1972 ⁶
Beverages	208		35,109	1.74		1954 ⁶

6. In 1991, monthly output estimates were derived from quarterly data using a cubic spline.

Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—*Continued*

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Beer and ale	2082,3	Cnf	11,394	.57	Mpp	Barrels (31 gallons); Internal Revenue Service. 1954
Wine and brandy*	2084	Cnf	2,667	.13	Mpp	Wine gallons, taxable withdrawals of still wines, effervescent wines, and brandy; Internal Revenue Service. 1954
Liquors*	2085		1,956	.10		1954
Liquor distilling*	2085pt	Mno	266	.01	Mpp	Gallons; Internal Revenue Service. 1954
Liquor bottling*	2085pt	Cnf	1,690	.08	Mpp	Gallons, bottled-in-bond; Internal Revenue Service. 1954
Soft drinks	2086,7	Cnf	19,090	.95	Kwh	Number of cases; National Soft Drink Association, 1954–62. 1954
Coffee and miscellaneous foods	209		20,519	1.02		1954
Roasted coffee	2095	Cnf	2,891	.14	Mpp	Bags (60 kilos) green coffee roasted; George Gordon Patton and Company. 1972
Misc. foods n.e.c.*	2091,2,6–9	Cnf	17,628	.87	Kwh	Production worker hours for 1977–87. 1977
Tobacco products	21		25,860	1.28		1947
Cigarettes*	211	Cnf	23,442	1.16	Mpp	Units; Internal Revenue Service. 1954
Cigars*	212	Cnf	286	.01	Mpp	Units; Internal Revenue Service. 1954
Miscellaneous tobacco manufactures*	213,4		2,131	.11		1954
Snuff and chewing tobacco*	213	Cnf	1,508	.07	Mpp	Pounds; Internal Revenue Service. 1987
Stemming and drying*	214	Cnf	623	.03	Pwh	1982
Textile mill products	22		32,587	1.62		1947
Fabrics	221–4		8,257	.41		1954
Cotton and synthetic fabrics	221,2	Mnt	6,770	.34	Mpp	Index, production of broadwoven goods, American Textile Manufactures Institute (ATMI); pounds, shipments, filament fibers from Fiber Economics Bureau. 1977
Wool fabrics*	223	Mnt	673	.03	Qpp	Million square yards, woolen and worsted fabrics; Census Bureau. Kilowatt hours for 1977–86. 1954
Narrow fabrics	224	Mnt	814	.04	Pwh	1972
Knit goods	225		8,994	.45		1954
Hosiery*	2251,2	Cna	2,412	.12	Qpp	Pairs, weighted combination of total hosiery and pantyhose; National Association of Hosiery Manufacturers. Monthly data for 1954–91. 1954
Knit garments	2253,4,7–9	Cna	6,582	.33	Kwh	Production worker hours for 1954–62. 1954
Fabric finishing	226	Mnt	3,143	.16	Mpp	Index, production of broadwoven goods; American Textile Manufactures Institute. 1954
Carpeting	227		4,074	.20	Mpp	Square yards, tufted carpeting; Carpet and Rug Institute (CRI). Two series based on CRI shipments of woven and tufted carpets for 1967–91, shipments of woven carpets and kilowatt hours for 1963–66, and shipments of woven carpets and production worker hours for 1954–62. 1954
Yarn and miscellaneous textiles	228,9		8,118	.40		1954
Cotton and synthetic yarns	2281,2,4	Mnt	3,815	.19	Mpp	Tons, consumption of cotton and synthetic fibers; Census Bureau. 1954

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Misc. textiles*	229	Mnt	4,303	.21	Pwh	Kilowatt hours for 1954–86. 1954
Apparel products	23		38,470	1.91		1947
Men's outerwear*	231,2		10,636	.53		1954
Men's suits and coats*	231	Cna	1,239	.06	Pwh	Units cut; Census Bureau, 1954–76. 1954
Men's furnishings*	232	Cna	9,397	.47	Pwh	Units cut, work pants, dungarees, waistband overalls, jeans, separate trousers, and shirts; Census Bureau, 1954–76. 1954
Women's outerwear*	233		11,178	.55		1954
Women's suits and coats*	2331,7,9	Cna	7,637	.38	Pwh	Units cut, blouses, skirts, coats, and suits; Census Bureau, 1954–76. 1954
Women's dresses*	2335	Cna	3,540	.18	Pwh	Units cut, women's and misses' dresses; Census Bureau, 1954–76. 1954
Misc. apparel and allied goods*	234–9		16,655	.83		1954
Children's and misc. garments*	234–8	Cna	6,060	.30	Kwh	Combination of kilowatt hours and production worker hours for 1963–66. Production worker hours for 1954–62. 1954
Misc. fabricated textile products*	239	Cdo	10,594	.53	Pwh	1954
Lumber and products	24		41,489	2.06		1947
Logging and lumber	241,2		16,166	.80		1954
Logging	241	Mdo	5,802	.29	Pwh	1954
Sawmills and planing mills*	242		10,364	.51		
Lumber*	2421,9	Ic	9,089	.45	Mpp	Board feet; National Forest Products Association. 1972
Flooring*	2426	Ic	1,275	.06	Mpp	Board feet; National Oak Flooring Manufacturers Association and Maple Floor Manufacturers Association. 1972
Lumber products	243–5,9		25,323	1.26		1954
Millwork and plywood	243		13,296	.66		1954
Millwork and prefabricated products*	2431,4,9	Ic	10,598	.53	Pwh	Units, exterior frames, doors and window sash; National Woodwork Manufacturers Association, Inc., 1954–66. 1954
Plywood	2435,6	Ic	2,698	.13	Mpp	Square feet, structural panels; American Plywood Association. 1954
Wood containers*	244	Mno	1,909	.09	Kwh	Production worker hours for 1954–62. 1954
Manufactured homes	245	Es	4,603	.23	Mpp	Units; Manufactured Housing Institute. 1972
Misc. wood products*	249		5,513	.27		1954
Wood products n.e.c.*	2491,9	Mdo	3,158	.16	Kwh	1982
Particleboard*	2493	Ic	2,354	.12	Mpp	Square feet, shipments, particleboard and medium density fiberboard; National Particleboard Association. 1982
Furniture and fixtures	25		27,157	1.35		1947
Household furniture	251	Cdo	12,464	.62	Kwh	Production worker hours for 1954–62. 1954
Public building furniture*	253	Ic	2,290	.11	Pwh	1954
Office furniture, fixtures and miscellaneous*	252,4,9	Ebo	12,403	.62	Kwh	Production worker hours for 1954–62. 1954

**Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—Continued**

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
<i>Paper and products</i>	26		72,296	3.59		1947
Pulp and paper	261–3		30,708	1.52		1954
Wood pulp	261	Mnp	2,203	.11	Mpp	Tons; American Forest and Paper Association (AFPA); Census Bureau, 1954–81. 1954
Paper	262	Mnp	18,862	.94	Mpp	Tons; AFPA. Shipments for selected components, 1954–86. Census Bureau, 1954–81. 1954
Paperboard	263	Mnp	9,642	.48	Mpp	Tons; AFPA. Census Bureau, 1954–81. 1954
Paperboard containers	265	Mnp	15,636	.78	Mpp	Square feet, shipments, corrugated and solid fiber products; Fiber Box Association. 1954
Converted paper products	267		25,951	1.29		1954
Paper coating*	2671,2	Mnt	6,318	.31	Mpp	Tons, coated printing and converted paper; AFPA. Shipments for 1954–86. Census Bureau, 1954–81. 1954
Sanitary paper products*	2676	Cnp	9,094	.45	Mpp	Tons, tissue paper; AFPA. Census Bureau, 1954–81. 1954
Paper business supplies*	2673–5, 7–9	Ib	10,539	.52	Mpp	Tons, free sheet, cotton, and thin paper; AFPA. Shipments for 1954–86. Census Bureau, 1954–81. 1954
<i>Printing and publishing</i>	27		130,924	6.49		1947
Newspapers	271		30,689	1.52		Tons, newsprint consumption; Canadian Pulp and Paper Association. American Newspaper Publishers Association, 1954–86. 1954
Newspaper circulation*	271pt	Cnp	7,326	.36	Est	Federal Reserve estimates based on Newspaper Advertising Bureau annual circulation data. 1954
Newspaper advertising*	271pt	Ib	23,363	1.16	Mpp	Index derived by deducting circulation from newsprint consumption. 1954
Periodicals, books, and cards	272,3,7	Cnp	39,884	1.98	Pwh	Kilowatt hours for 1963–86. Production worker hours for 1954–62. 1954
Job printing	274–6,8, 9	Ib	60,350	2.99	Kwh	Production worker hours for 1954–62. 1954
<i>Chemicals and products</i>	28		194,629	9.66		1947
Industrial chemicals and synthetic materials	281,2,6		70,486	3.50		1954
Basic chemicals	281		16,566	.82		1954
Alkalies and chlorine	2812	Mnc	1,640	.08	Mpp	Tons, sodium hydroxide liquid and chlorine gas; The Chlorine Institute. Census Bureau, 1972–86. 1972
Industrial gases*	2813	Mnc	2,520	.13	Qpp	Cubic feet, hydrogen, oxygen, acetylene, argon, nitrogen, and short tons, carbon dioxide; Census Bureau. Monthly data for 1972–90. 1972
Inorganic pigments	2816	Mnc	1,883	.09	Mpp	Tons, titanium dioxide; Census Bureau. 1972
Inorganic chemicals n.e.c.	2819		10,522	.52		1954
Acids and other inorganic chemicals n.e.c.	2819pt		7,325	.36		1967
Acids, phosphates, and sulfates*	2819pt	Mnc	1,417	.07	Qpp	Tons, sulfuric acid, hydrochloric acid, aluminum sulfate, sodium phosphate tripoly, phosphorus, hydrofluoric acid, and calcium phosphate; Census Bureau. Monthly data for 1972–90. 1972
Other inorganic chemicals*	2819pt	Mnc	5,908	.29	Qpp	Tons, calcium carbide, hydrogen peroxide, sodium chlorate, sodium metals, sodium silicate, and potassium pyrophosphate; Census Bureau. Monthly data for 1972–90. 1972

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Nuclear manufacturing*	2819pt	Mnc	3,196	.16	Kwh	1954
Synthetic materials	282		25,022	1.24		1954
Plastics materials	2821	Mnc	15,302	.76	Mpp	Pounds, thermosetting and thermoplastic resins; Society of the Plastics Industry, Inc. U.S. Tariff Commission 1954–70. 1954
Synthetic rubber*	2822	Mnc	2,273	.11	Mpp	Tons; Rubber Manufacturers Association. 1954
Synthetic fibers	2823,4	Mnc	7,447	.37	Mpp	Pounds, noncellulosic, rayon, and acetate fibers; Fiber Economics Bureau. 1954
Industrial organic chemicals	286	Mnc	28,897	1.43	Qpp	Pounds, weighted combination of acrylonitrile, benzene, finished butadiene, cumene, ethylene, ethylene oxide, para-xylene, propylene, and styrene; National Petroleum Refiners Association. Production worker hours for 1972–90. 1972.
Chemical products	283–5,9		111,822	5.55		1954
Drugs and medicines	283	Cnc	59,813	2.97	Kwh	Production worker hours for 1954–62. 1954
Soap and toiletries	284	Cnc	31,940	1.58	Kwh	1954
Paints	285		8,495	.42		1954
Construction paints*	285pt	Ic	4,200	.21	Qpp	Gallons, trade sales products; Census Bureau. Monthly data for 1954–90. 1954
Industrial paints*	285pt	Mdo	4,294	.21	Qpp	Gallons, industrial product finishes and special coatings; Census Bureau. Monthly data for 1954–90. 1954
Misc. chemical products*	289	Ib	11,572	.57	Kwh	Combination of kilowatt hours and production worker hours for 1972–87. 1972
Agricultural chemicals	287		12,320	.61		1967
Fertilizer materials*	2873,4,5	Mnc	5,302	.26	Qpp	Tons, synthetic anhydrous ammonia, ammonia nitrate, ammonium sulfate, nitrogen solutions, nitric acid, phosphoric acid, phosphatic fertilizer materials, and urea; Census Bureau. Monthly data for 1967–90. 1967
Agricultural chemicals n.e.c.*	2879	Ib	7,017	.35	Kwh	Production worker hours for 1954–62. 1954
Petroleum products	29		31,675	1.57		1947
Petroleum refining and miscellaneous	291,9		28,216	1.40		1954
Distillate fuel oil	291pt	Cne	5,530	.27	Mpp	Barrels; Department of Energy. 1954
Residual fuel oil	291pt	Mec	825	.04	Mpp	Barrels; Department of Energy. 1954
Aviation fuel and kerosene	291pt	Ib	2,703	.13	Mpp	Barrels; Department of Energy. 1954
Automotive gasoline	291pt	Cne	13,517	.67	Mpp	Barrels; Department of Energy. 1954
Miscellaneous petroleum products	291pt,299		5,639	.28		1954
Refinery products n.e.c.*	291pt,9pt	Ib	2,537	.13	Mpp	Barrels, asphalt, road oil, and lubricants; Department of Energy. 1967
Refinery fuel n.e.c.*	291pt	Mec	878	.04	Mpp	Barrels, liquefied refinery gases (excluding ethane) for fuel use, still gas, and petroleum coke; Department of Energy. 1967
Refinery nonfuel materials*	291pt,9pt	Mnc	2,223	.11	Mpp	Barrels, liquified refinery gases (excluding ethane) for chemical use, special naphthas, naphtha and other feedstocks, wax, and miscellaneous products at refineries; Department of Energy. 1967

Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—*Continued*

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Paving and roofing materials	295	Ic	3,459	.17	Kwh	Square feet; Census Bureau, 1954–71. 1954
<i>Rubber and plastics products</i>	30		74,943	3.72		1947
Tires	301		7,077	.35		1954
Replacement tires, consumer*	301pt	Cda	2,916	.14	Mpp	Units, passenger car tires (radial and other); Rubber Manufacturers Association (RMA). 1954
Replacement tires, business*	301pt	Ib	2,556	.13	Mpp	Units, truck and bus tires (radial and other), tractor implement, industrial and utility; RMA. 1967
Original equipment tires, consumer*	301pt	Mdc	962	.05	Mpp	Units, passenger car tires (radial and other); RMA. 1954
Original equipment tires, business*	301pt	Mde	641	.03	Mpp	Units, truck and bus tires (radial and other), tractor implement, industrial, and utility; RMA. 1967
Other rubber products	302,5,6		12,230	.61		1954
Rubber footwear*	302	Cna	442	.02	Pwh	Pairs; Census Bureau, 1977–87. Production worker hours for 1954–76. 1954
Misc. rubber products*	305,6	Mdo	11,788	.58	Kwh	1977
Plastic products n.e.c.	308		55,635	2.76		1954
Misc. plastics materials*	3081–3, 6–9	Mdo	51,583	2.56	Pwh	1982
Plastics pipe*	3084	Ic	1,311	.07	Pwh	1982
Plastics containers*	3085	Mno	2,740	.14	Pwh	1982
<i>Leather and products</i>	31		4,702	.23		1947
Leather and belting*	311	Mno	1,304	.06	Kwh	Number of hides; Tanners Council of America, 1954–66. 1954
Shoes	314	Cna	1,894	.09	Pwh	Pairs, shoes and slippers; Census Bureau, 1977–87. 1954
Personal leather goods*	313,5–7, 9	Cna	1,503	.07	Pwh	1954
<i>Stone, clay, and glass products</i>	32		46,131	2.29		1947
Flat glass and products*	321,3		6,581	.33		1954
Flat glass*	321	Ic	1,721	.09	Qpp	Tons, sheet, plate and flat glass; Census Bureau. 1982
Glass products*	323	Mdo	4,860	.24	Kwh	1982
Pressed and blown glass	322		6,533	.32		1954
Glass containers	3221	Mno	2,635	.13	Mpp	Gross; Census Bureau. 1954
Pressed and blown glass n.e.c.*	3229		3,897	.19		1954
Consumer glassware*	3229pt	Cdo	621	.03	Kwh	Dozens of tumblers pressed and blown; American Glassware Association, 1954–76. 1954
Misc. glassware*	3229pt	Mdo	3,276	.16	Kwh	Production worker hours for 1954–62. 1954

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Cement	324	Mdo	3,506	.17	Mpp	Tons, shipments, portland cement; Barrels (376 pounds), 1954–72; U.S. Geological Survey. 1954
Structural clay products	325		2,192	.11		1954
Brick*	3251	Ic	953	.05	Qpp	Units, building or common and face brick; Census Bureau. Monthly data for 1954–90. 1954
Clay, firebrick, pipe, and tile*	3253,5,9		1,239	.06		1954
Clay sewer pipe*	3259	Ic	113	.01	Qpp	Tons, vitrified clay sewer pipe; Census Bureau. Monthly data for 1972–1990. 1972
Clay tile*	3253,5	Ic	1,126	.06	Qpp	Square feet, clay floor and wall tile, including quarry tile, glazed wall tile; Census Bureau. Monthly data for 1972–90. 1972
Concrete and misc. earth manufactures	326–9		27,316	1.36		1954
Pottery products*	326		2,684	.13		1954
Consumer pottery*	3262,3,9	Cdo	910	.05	Pwh	1954
Construction pottery*	3261	Ic	769	.04	Pwh	1982
Porcelain electrical supplies*	3264	Ic	1,004	.05	Pwh	1987
Concrete, gypsum, and plaster products*	327		15,751	.78		1954
Concrete and plaster products*	3271–4	Ic	14,062	.70	Kwh	1987
Gypsum products*	3275	Ic	1,689	.08	Mpp	Tons, calcined gypsum; U.S. Geological Survey. 1982
Misc. stone and earth manufactures*	328,9	Mdo	8,880	.44	Kwh	Production worker hours for 1954–62. 1954
Primary metals	33		69,520	3.45		1947
Iron and steel	331,2		38,209	1.90		1947
Basic steel and mill products	331		29,164	1.45		1954
Basic iron and steel	331pt		5,933	.29		1954
Pig iron	331pt	Mdo	3,405	.17	Mpp	Tons; American Iron and Steel Institute (AISI) 1954
Raw steel	331pt	Mdo	1,779	.09	Mpp	Tons, weighted combination of carbon, alloy, and stainless; AISI. 1954
Coke and products*	331pt	Mec	748	.04	Qpp	Tons, coke; Department of Energy. Monthly data for 1954–86. 1954
Steel mill products	331pt		23,230	1.15		Tons, AISI shipments and inventory data from Census Bureau. 1954
Consumer durable steel	331pt	Mdc	3,821	.19	Mpp	Tons, steel for autos, appliances, utensils, and cutlery. 1954
Equipment steel	331pt	Mde	2,576	.13	Mpp	Tons. 1954

**Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—*Continued***

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Construction steel	331pt	Ic	2,759	.14	Mpp	Tons, steel for construction, including maintenance and contractors' products. 1954
Can and closure steel	331pt	Mdo	890	.04	Mpp	Tons. 1954
Miscellaneous steel	331pt	Mdo	13,182	.65	Mpp	Tons, all other AISI classifications, including warehouses and exports. 1954
Iron and steel foundries	332	Mdo	9,045	.45	Kwh	Tons, castings of gray ductile iron, and malleable iron, steel; Census Bureau, 1954–86. 1954 ⁷
Nonferrous metals	333–6,9		31,311	1.55		1947
Primary nonferrous metals	333		4,205	.21		1954
Copper	3331		1,132	.06		1954
Copper smelting*	3331pt	Mdo	493	.02	Mpp	Tons; American Bureau of Metal Statistics. 1954
Copper refining*	3331pt	Mdo	639	.03	Mpp	Tons; American Bureau of Metal Statistics. 1954
Aluminum	3334	Mdo	2,020	.10	Mpp	Tons, primary aluminum ingots; Aluminum Association. 1954
Misc. nonferrous metals*	3339	Mdo	1,052	.05	Mpp	Tons, lead and primary slab zinc refining; American Bureau of Metals Statistics. 1954
Secondary nonferrous metals*	334	Mdo	1,428	.07	Mpp	Tons, aluminum alloys and brass ingot at secondary smelters and secondary lead; U.S. Geological Survey. 1954
Nonferrous products	335,6		22,525	1.12		1954
Nonferrous mill products	335		16,648	.83		1954
Copper mill products*	3351	Mdo	2,299	.11	Mpp	Tons, refined copper consumption by U.S. fabricators; American Bureau of Metal Statistics. 1954
Aluminum mill products	3353–5		5,712	.28		1954
Construction aluminum*	3354	Ic	2,105	.10	Mpp	Pounds, extruded shapes; Census Bureau. Net shipments for 1967–86. 1967
Misc. aluminum materials*	3353,5	Mdo	3,606	.18	Mpp	Pounds, aluminum mill products other than extruded shapes, powder and paste, and forgings and impacts; Census Bureau. Net shipments for 1967–86. 1967
Misc. nonferrous mill products*	3356–7	Mdo	8,636	.43	Pwh	1972
Nonferrous foundries	336	Mdo	5,876	.29	Pwh	Pounds, shipments, sale and own use; Census Bureau, 1954–86. 1954
Misc. primary metals*	339	Mdo	3,152	.16	Kwh	Tons, ferrous and nonferrous forgings; Forgings Industry Association, 1954–66. 1954
<i>Fabricated metal products</i>	34		107,919	5.35		1947
Metal containers	341	Mno	3,991	.20	Mpp	Units, shipments, metal cans; Can Manufacturers Institute. Series includes quarterly data on steel pails, drums, and barrels; Census Bureau, 1987–91. Shipments of cans and production worker hours for 1977–86. Combination of production worker hours and kilowatt hours for 1967–76. 1967
Hardware, tools, and cutlery	342		11,766	.58		1954
Cutlery*	3421	Cdo	1,559	.08	Pwh	1954
Hardware and tools	3423,5,9	Mdc	10,206	.51	Kwh	Production worker hours for 1954–62. 1954

7. Includes: independent forgers, rail transportation, shipbuilding and marine equipment, aircraft and aerospace, oil and gas, mining, quarrying and lumbering, agricultural, machinery, industrial equipment and tools, electrical equipment, other domestic and commercial equipment, and ordnance.

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Plumbing and heating products*	343		4,395	.22		Units, shipments, oil burners, warm air furnaces, and heating stoves; Census Bureau, 1954–71. Kilowatt hours for 1972–86. 1954
Plumbing fixtures*	3431,2		2,855	.14	Kwh	1987
Heating equipment, except warm air furnaces*	3433		1,539	.08		1987
Boilers, heaters, and furnaces*	3433pt	Ic	864	.04	Mpp	Units, shipments, boilers, floor and wall furnaces, and unit heaters; Gas Appliance Manufacturers Association, Inc (GAMA). 1987
Burners and other parts*	3433pt	Mde	675	.03	Mpp	Units, weighted combination of shipments of boilers, water heaters, warm air and other furnaces; GAMA. 1987
Structural metal products	344		27,975	1.39		1954
Boiler shop products*	3443	Ebn	5,771	.29	Pwh	1954
Structural metal n.e.c.*	3441,2,4–9	Ic	22,204	1.10	Pwh	Kilowatt hours for 1963–66. Production worker hours for 1954–62. 1954
Other fabricated metal products	345–9		59,791	2.97		1954
Fasteners, stampings, etc.	345–7		34,654	1.72		1967
Bolts, fasteners*	345	Mdo	6,936	.34	Pwh	Kilowatt hours for 1963–91. Production worker hours for 1954–62. 1954
Metal forgings and stampings*	346	Mdc	19,916	.99	Kwh	Combination of kilowatt hours and production worker hours for 1963–66. Production worker hours for 1954–62. 1954
Metal services, wire products*	347	Mdo	7,802	.39	Kwh	1972
Ordnance*	348	Ed	3,526	.17	Pwh	1972
Fabricated metal products n.e.c.*	349		21,610	1.07		1954
Valves, pipes, and fittings*	3491,2,4,8	Mde	11,241	.56	Pwh	Kilowatt hours for 1963–66. Production worker hours for 1954–62. 1954
Misc. metal products*	3493,5–7,9	Ib	10,368	.51	Pwh	1954
Industrial machinery and equipment	35		187,254	9.29		1947
Engines and farm equipment*	351,2		20,001	.99		
Engines and turbines	351		10,485	.52		1954
Turbines*	3511	Ebn	3,176	.16	Pwh	1954
Internal combustion engines*	3519	Mde	7,308	.36	Pwh	1954
Farm equipment	352		9,516	.47		Two series before 1977. Kilowatt-production worker hours for 1977–87. 1972
Farm machinery and equipment*	3523	Ebo	7,154	.35	Mpp	Units, weighted combination of combines and two types of farm tractors; J-C Communications Inc. 1987
Lawn and garden equipment*	3524	Cdo	2,362	.12	Qpp	Units, weighted combination of lawn and garden tractors, mowers, rotary tillers, and snow throwers ; J-C Communications Inc. 1992
Construction and allied equipment	353		18,231	.90		1954
Construction and mining machinery*	3531–3		12,638	.63		Kilowatt hours for 1977–86. 1977
Construction machinery*	3531	Ebn	8,920	.44	Mpp	Units, weighted combination of assemblies of crawlers, wheel loaders, skid steer loaders, wheel tractors, and other construction equipment; J-C Communication Inc. 1987
Mining and oil and gas field machinery*	3532,3	Ebn	3,718	.18	Pwh	1987

Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—Continued

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Materials handling machinery*	3534–7	Ebn	5,592	.28	Pwh	Two series before 1977. 1954
Metalworking machinery	354	Ebn	22,687	1.13	Pwh	Kilowatt hours from 1963–91. Production worker hours for 1954–62. 1954
Special industrial machinery	355	Ebn	19,220	.95	Pwh	Kilowatt hours for 1963–66. Production worker hours for 1954–62. 1954
General industrial machinery	356		23,065	1.14		1954
Bearings and gears	3562,6,8	Mde	6,555	.33	Pwh	1954
General industrial equipment	3561,3–5,7,9	Ebn	16,509	.82	Kwh	1982
Computer and office equipment	357		41,142	2.04		1954
Office and computing equipment, business	357pt	Ebi	25,412	1.26	Qpp	Unit sales and unit values from Dataquest. Kilowatt hours from 1963–91. 1987
Office and computing equipment, home*	357pt	Cdo	7,781	.39	Qpp	Kilowatt hours from 1963–91. 1987
Computer parts*	357pt	Mde	7,947	.39	Qpp	Kilowatt hours from 1963–91. 1977
Service industry machines	358		17,560	.87		1954
Service industry equipment*	3581,2,6,9	Edo	5,270	.26	Pwh	1987
Heating and refrigeration equipment	3585		12,289	.61		1987
Air conditioners for motor vehicles*	3585pt	Mdc	1,570	.08	Mpp	Index derived using motor vehicle assemblies and annual output in units, Census Bureau. 1987
Unitary air conditioners*	3585pt	Ic	2,544	.13	Mpp	Units; Air Conditioning and Refrigeration Institute. 1982
Commercial heating and cooling equipment*	3585pt	Edo	2,300	.11	Est	Federal Reserve estimate based on annual output in units; Census Bureau. 1987
Room air conditioners*	3585pt	Cdo	667	.03	Mpp	Units; Association of Home Appliance Manufacturers (AHAM). 1954
Compressors, condensers, and other parts*	3585pt	Mdc	4,275	.21	Mpp	Units, refrigerators, freezers, and room air-conditioners, AHAM; and, shipments, warm air furnaces, GAMA. 1987
Warm air furnaces*	3585pt	Ic	931	.05	Mpp	Units, shipments, gas, electric, and oil warm air furnaces; GAMA. 1987
Misc. machinery	359	Mdo	25,346	1.26	Kwh	1982
Electrical machinery	36		184,175	9.14		1947
Major electrical equipment and parts	361,2		20,961	1.04		1954
Electrical distribution equipment	361	Ebn	6,672	.33	Kwh	Production worker hours for 1954–62. 1954
Electrical industrial apparatus*	362	Mde	14,289	.71	Kwh	1977
Household appliances	363		9,471	.47		1954
Cooking equipment	3631	Cdo	1,282	.06	Mpp	Units, weighted combination of electric ranges, gas ranges, microwave ovens, and combination microwave ovens/ranges; AHAM. Shipments of gas ranges prior to 1988, American Gas Association. 1954
Refrigerators and freezers	3632		2,158	.11		1954
Refrigerators*	3632pt	Cdo	2,008	.10	Mpp	Units; AHAM. 1954
Home freezers*	3632pt	Cdo	150	.01	Mpp	Units, upright and chest freezers; AHAM. 1954

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Laundry appliances	3633		1,864	.09		1954
Washing machines*	3633pt	Cdo	1,253	.06	Mpp	Units, automatic washers. Automatic and wringer washers for 1954–1983; AHAM. 1954
Clothes dryers*	3633pt	Cdo	610	.03	Mpp	Units, electric and gas dryers; AHAM. Shipments of gas dryers prior to 1988, American Gas Association. 1954
Miscellaneous appliances	3634,5,9		4,166	.21		1954
Electrical housewares	3634	Cdo	1,113	.06	Pwh	1954
Vacuum cleaners*	3635	Cdo	1,346	.07	Qpp	Units, sales; Vacuum Cleaner Manufacturers Association. Federal Reserve estimates for 1985–86. 1954
Appliances n.e.c.	3639		1,706	.08		1954
Electric water heaters*	3639pt	Cdo	402	.02	Mpp	Units, shipments, residential electric storage water heaters; GAMA. 1954
Gas water heaters*	3639pt	Cdo	425	.02	Mpp	Units, shipments, residential gas-fired automatic storage water types; GAMA. 1954
Dishwashers and disposers*	3639pt	Cdo	878	.04	Mpp	Units, weighted combination of built-in and portable dishwashers and disposers; AHAM. 1954
Lighting and wiring products*	364	Ic	13,481	.67	Kwh	Production worker hours for 1954–62. 1954
Audio and video equipment	365		3,454	.17		1954
Household audio and video equipment*	3651	Cdo	2,023	.10	Mpp	Units, direct view color television sets, 25 inches and over; Electronic Industries Association (EIA). Sets 19 inches and over for 1991–95. Total color television sets for 1987–90. Excludes comparable imports based on data from the Census Bureau. 1987
Prerecorded records and tapes*	3652	Cdo	1,430	.07	Pwh	Federal Reserve estimates for 1983–86; Units, home radio, audio components; EIA, 1977–82. 1977
Communication equipment	366		38,710	1.92		1954
Telephone apparatus*	3661	Ebi	18,821	.93	Pwh	1977
Electronic communication equipment*	3663,9		19,888	.99		1954
Nondefense communication equipment*	3663pt,9pt	Ebi	16,228	.81	Pwh	1977
Electronic communication parts*	3663pt,9pt	Mde	3,660	.18	Pwh	1977
Electronic components	367		84,140	4.17		1954
Television tubes*	3671	Mdc	1,617	.08	Mpp	Units, factory sales of picture tubes; EIA. 1954
Semiconductors and related electronic components	3672–9		82,523	4.09		1954
Semiconductors and related devices*	3674	Mde	56,361	2.80	Mpp	Fisher quantity indexes of chip production; Semiconductor Industry Association; Dataquest Inc.; MicroData Resources; Census Bureau. 1992
Electronic components ex. tubes and semiconductors*	3672,5–9		26,161	1.30		
Printed circuit boards*	3672	Mde	6,559	.33	Pwh	1992
Other electronic components*	3675–8,9pt		10,574	.52	Pwh	1992
Printed circuit assemblies and loaded boards*	3679pt	Mde	9,027	.45	Pwh	1992
Miscellaneous electrical supplies	369		13,955	.69		1954
Storage batteries	3691	Cda	2,185	.11	Mpp	Units, shipments, automotive replacement batteries; Battery Council International. 1954
Misc. electrical equipment*	3692,4	Mdc	5,624	.28	Pwh	1982
Misc. electrical machinery and supplies*	3695,9	Mdc	6,145	.30	Pwh	1982

**Table 1. Industry structure of industrial production:
classification, value-added weights, and description of series—Continued**

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Transportation equipment	37		176,596	8.76		1947
Motor vehicles and parts	371		105,924	5.25		1947
Motor vehicles and trailers*	371pt		60,544	3.00		1967
Autos	371pt		27,809	1.38		Units; Ward's Communications (Ward's). Split into large and small autos based on Ward's data, 1967–72. 1947
Autos, consumer	3711pt	Cda	14,493	.72	Mpp	Units (price-weighted since 1992); Ward's, allocated to consumer use based on data from R.L. Polk. 1972
Autos, business*	3711pt	Ebt	13,315	.66	Mpp	Units (price-weighted since 1992); Ward's allocated to business use based on data from R.L. Polk. 1972
Trucks and truck trailers	371pt		32,735	1.62		1967
Trucks and buses	371pt		31,326	1.55		Units; Ward's. 1954
Trucks, business	3711pt,3pt	Ebt	11,855	.59		1987
Medium and heavy trucks*	3711pt,3pt	Ebt	5,014	.25	Mpp	Units, Ward's. 1987
Medium trucks*	3711pt,3pt	Ebt	2,067	.10	Mpp	Units, Ward's, American Automobile Manufacturers Association. 1987
Heavy trucks*	3711pt,3pt	Ebt	2,946	.15	Mpp	Units, Ward's, American Automobile Manufacturers Association. 1987
Light trucks, business*	3711pt,3pt	Ebt	6,841	.34	Mpp	Units (price-weighted since 1992), light trucks: Ward's allocated to business use based on data from R.L. Polk. 1987
Light trucks, consumer	3711pt,3pt	Ebt	19,470	.97	Mpp	Units (price-weighted since 1992), light trucks; Ward's, allocated to consumer use based on data from R.L. Polk. Pick up trucks, small vans, and utility vehicles designed mainly for consumer use for 1967–86. 1967.
Truck trailers*	3715	Ebt	1,409	.07	Mpp	Units, shipments; Census Bureau. 1954
Motor vehicle parts	3714		44,234	2.19		1954
Original equipment parts*	3714pt	Mdc	37,746	1.87	Mpp	Units, axles, engines, brakes, and transmissions; Stark Communications. 1992
Repair parts*	3714pt	Cda	6,488	.32	Est	Federal Reserve estimates. 1954
Motor homes	3716	Cda	1,145	.06	Mpp	Units, shipments, weighted combination of conventional vans, van campers, and chopped vans; Recreation Vehicles Industry Association. 1987
Aerospace and misc. transportation equipment	372–6,9		70,672	3.51		1947
Aircraft and parts	372		45,214	2.24		1954
Aircraft complete*	3721		25,113	1.25		1954
Military aircraft*	3721pt	Ed	11,025	.55	Pwh	1954
Commercial aircraft*	3721pt	Ebt	14,088	.70	Mpp	Units, completions, weighted average of current and future passenger aircraft; Boeing. 1992
Aerospace equipment and parts n.e.c.*	3724,8		20,101	1.00		1954
Commercial aircraft equipment n.e.c.*	3724,8pt	Ebt	3,697	.18	Pwh	1954
Military aircraft equipment n.e.c.*	3724,8pt	Ed	1,121	.06	Pwh	1972
Aircraft parts*	3724,8pt	Mde	15,282	.76	Pwh	1972
Ships and boats	373		7,887	.39		1954
Ship building and repairing*	3731		5,446	.27		1954
Commercial ships*	3731pt	Ebt	1,032	.05	Pwh	1954
Military ships, private yards*	3731pt	Ed	4,413	.22	Pwh	1954
Boats*	3732	Cda	2,440	.12	Pwh	1954

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Railroad and misc. transportation equipment	374-6,9		17,570	.87		1954
Railroad equipment*	374	Ebt	2,582	.13	Pwh	Units, locomotives and new and rebuilt freight cars before 1997; Association of American Railroads. 1954
Motorcycles and bicycles*	375	Cda	1,448	.07	Pwh	Production worker hours for 1954-66. Kilowatt hours for 1967-87. 1954
Guided missiles, space vehicles, and parts*	376		9,982	.50		1972
Guided missiles and space vehicles*	3761	Ed	7,469	.37	Pwh	1972
Missile and space vehicle parts*	3764,9	Mde	2,512	.12	Pwh	1972
Misc. transportation equipment*	379		3,556	.18		1972
Travel trailers and campers*	3792	Cda	880	.04	Mpp	Units, shipments, travel trailers, folding camping trailers, and truck campers; Recreation Vehicles Industry Association. Includes motor homes for 1972-87. 1972
Travel trailers and campers*	3792		880	.04		
Tanks*	3795	Ed	775	.04	Pwh	1972
Transportation equipment n.e.c.*	3799	Cda	1,900	.09	Pwh	1972
Instruments	38		97,745	4.85		1947
Search, detection, and guidance equipment*	381		21,060	1.04		1987
Guidance and navigation equipment*	381pt	Ed	16,843	.84	Pwh	1982
Guidance and navigation equipment parts*	381pt	Mde	4,217	.21	Pwh	1982
Lab apparatus and controls*	382		29,047	1.44		1954
Measuring instruments*	382pt	Ebi	7,618	.38	Pwh	1982
Measuring instruments parts*	382pt	Mde	21,428	1.06	Pwh	1982
Medical instruments	384	Ebi	30,875	1.53	Kwh	Combination of kilowatt hours and production worker hours for 1963-66. Production worker hours for 1954-62. 1954
Watches and eyeglasses*	385,7	Cdo	2,734	.14	Pwh	1972
Photographic equipment and supplies*	386	Ebi	14,028	.70	Pwh	1972
Miscellaneous manufactures	39		27,136	1.35		1947
Miscellaneous consumer goods	391,3,4,6	Cdo	13,242	.66	Pwh	Kilowatt hours for 1963-86. Production worker hours for 1954-62. 1954
Miscellaneous business supplies	395,9	Ib	13,893	.69	Pwh	Kilowatt hours for 1967-86. Combination of kilowatt hours and production worker hours for 1963-66. Production worker hours for 1954-62. 1954

Groups and series ¹	Classification ¹		Value added in 1996 ¹		Type of series ¹	Units, source for monthly series, and beginning date
	SIC	Market	Millions of dollars	Proportion		
Utilities			136,584	6.78		1939
<i>Electric utilities</i>	491,493 pt		108,698	5.39		1947
Electric utility generation			40,979	2.03		1967
Fossil fuel generation	491pt	Mec	19,849	.98	Mpp	Million kilowatt hours, conventional steam and internal combustion; Department of Energy (DOE). 1967
Hydro and nuclear generation	491pt	Mep	21,130	1.05	Mpp	Million kilowatt hours, hydro includes pumped storage; DOE. 1967
Electricity sales	491pt,493pt		67,719	3.36		1967
Residential electricity sales	491pt,3pt	Cne	28,844	1.43	Mpp	Million kilowatt hours; DOE. 1954
Nonresidential electricity sales	491pt,493pt		38,874	1.93		1954
Commercial and other electricity sales	491pt,3pt	Ib	23,774	1.18	Mpp	Million kilowatt hours to commercial and other; DOE. 1954
Industrial electricity sales	491pt,3pt	Mec	15,099	.75	Mpp	Million kilowatt hours to industrial users; DOE. 1967
<i>Gas utilities</i>	492,493 pt		27,885	1.38		1947
Gas transmission	492pt	Mec	7,619	.38	Mpp	Billion cubic feet, natural gas sold to consumers; DOE. Sales by major pipeline companies for 1967–87. 1967
Gas sales*			20,266	1.01		1967
Residential gas sales	492pt,3pt	Cne	12,696	.63	Mpp	Billion cubic feet, sales; DOE. American Gas Association, 1954–77. 1954
Nonresidential gas sales*			7,570	.38		1954
Industrial gas sales*	492pt,3pt	Mec	2,308	.11	Mpp	Billion cubic feet, sales; DOE. American Gas Association, 1954–77. 1954
Commercial and other gas sales	492pt,3pt	Ib	5,262	.26	Mpp	Billion cubic feet, sales, includes gas used by electric utilities, gas used for lease and plant fuel, and gas consumed as pipeline fuel; DOE. American Gas Association, 1954–77. 1954